

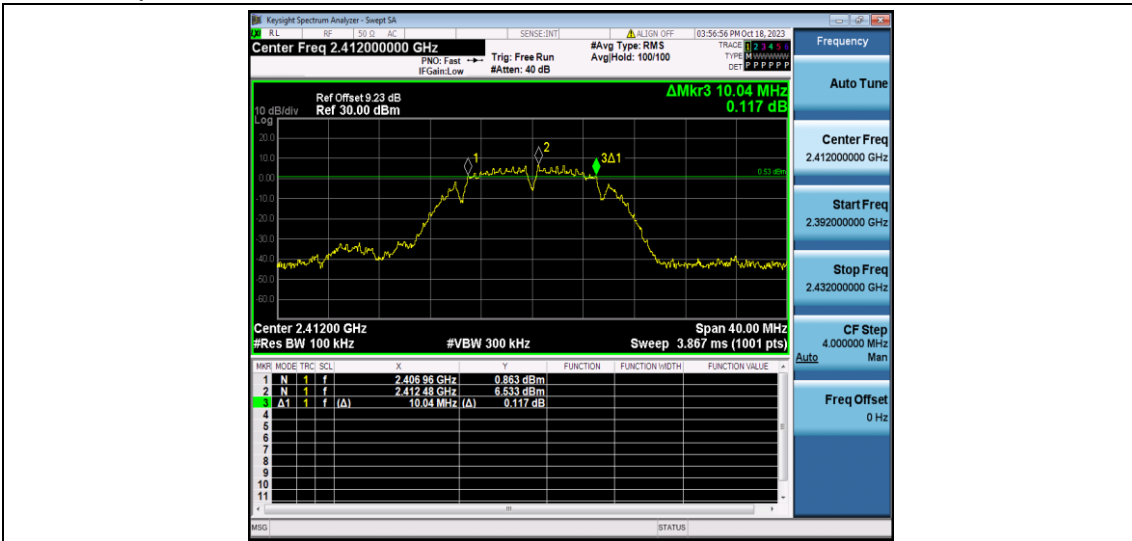
Case No. : <u>GTS20230923010-1-9</u>
Ambient Condition: <u>26</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.10.18</u> Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	10.120	2431.920	2442.040	0.5	PASS
		2462	10.080	2456.920	2467.000	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.480	2453.720	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.160	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS

Test Graphs



11B_Ant1_2412



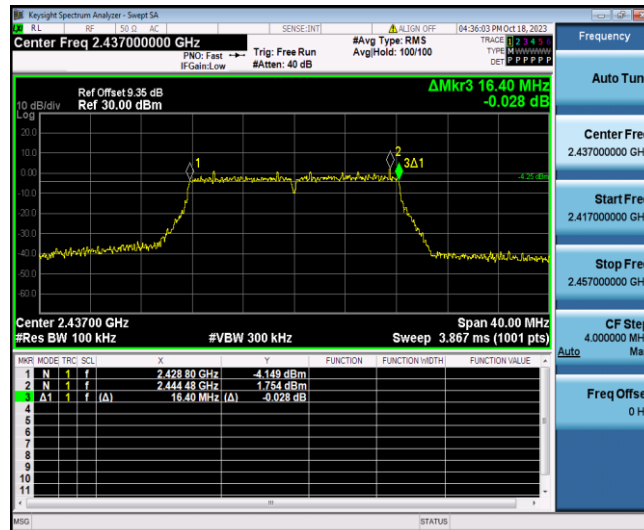
11B_Ant1_2437



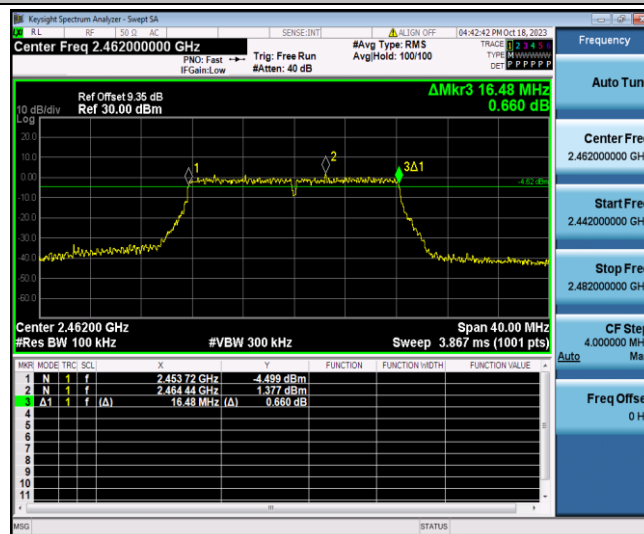
11B_Ant1_2462



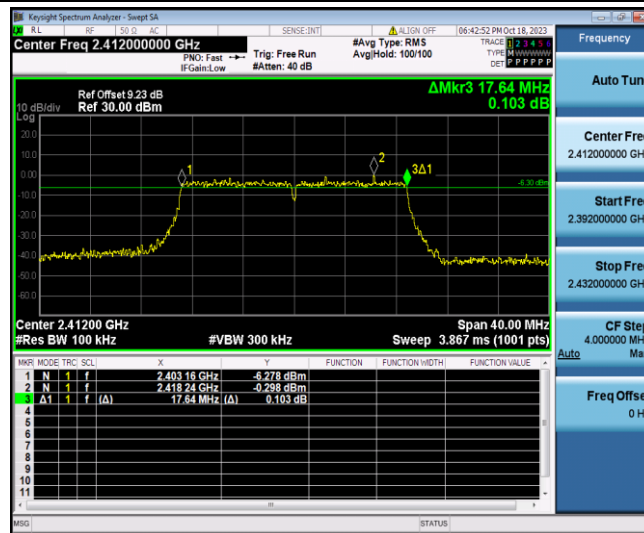
11G_Ant1_2412



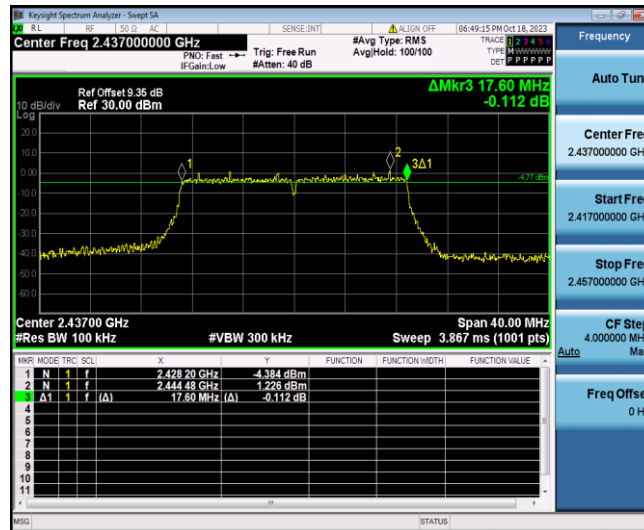
11G_Ant1_2437



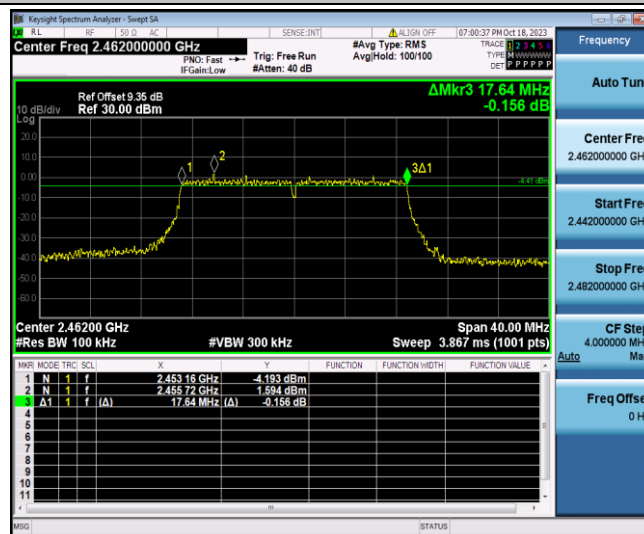
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



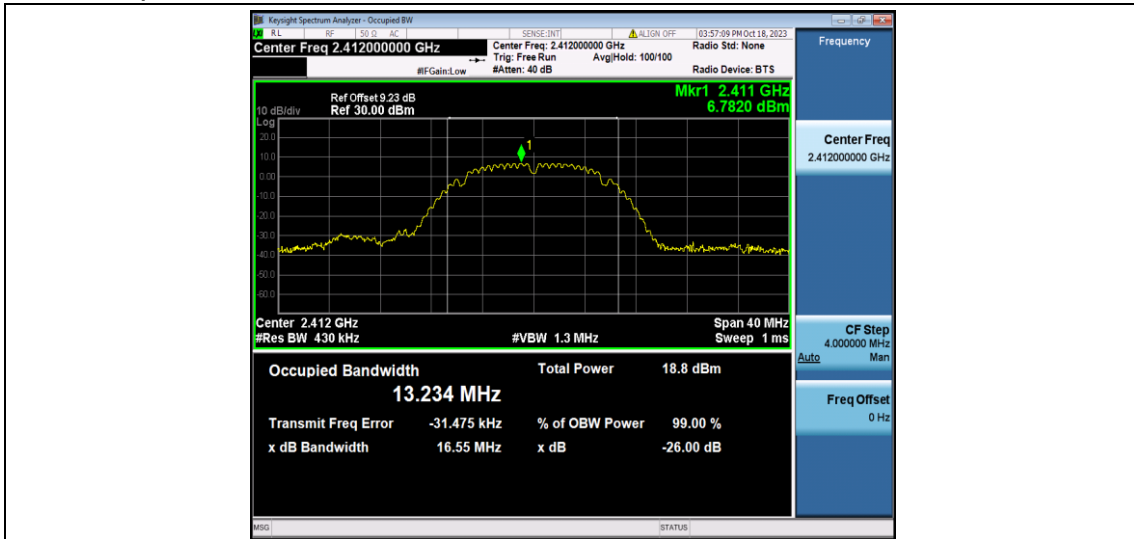
11N20SISO_Ant1_2462

Appendix A.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.234	2405.352	2418.586	---	---
		2437	13.124	2430.451	2443.575	---	---
		2462	13.116	2455.414	2468.530	---	---
11G	Ant1	2412	16.824	2403.580	2420.404	---	---
		2437	16.784	2428.622	2445.406	---	---
		2462	16.815	2453.593	2470.408	---	---
11N20SISO	Ant1	2412	17.818	2403.066	2420.884	---	---
		2437	17.785	2428.106	2445.891	---	---
		2462	17.802	2453.082	2470.884	---	---

Test Graphs



11B_Ant1_2412



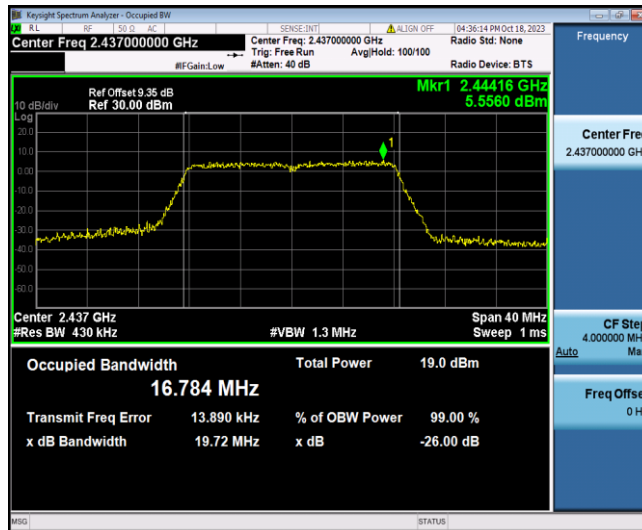
11B_Ant1_2437



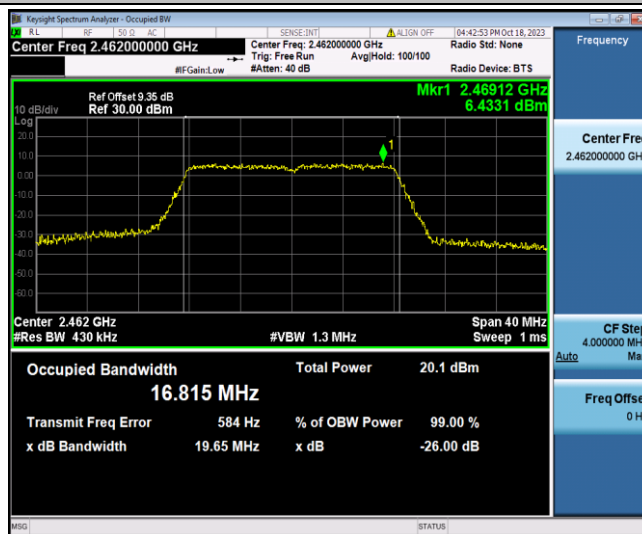
11B_Ant1_2462



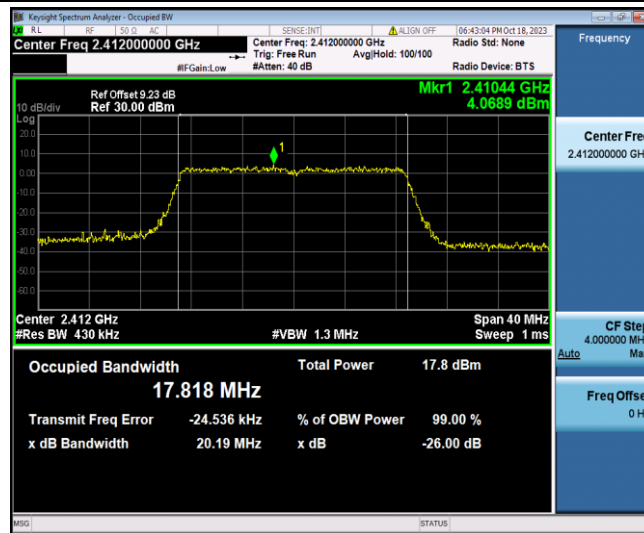
11G_Ant1_2412



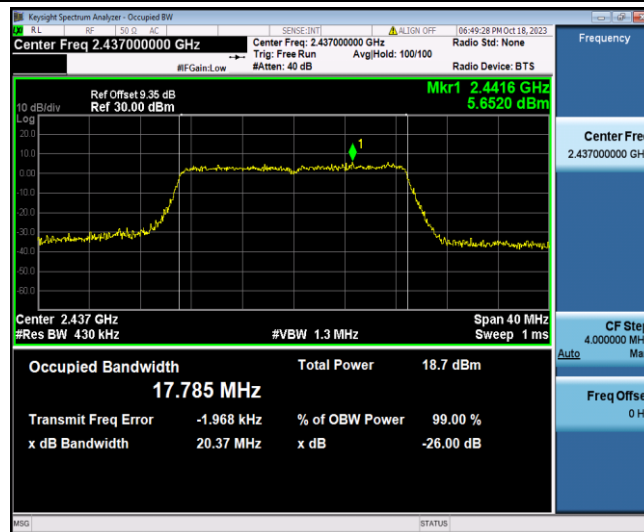
11G_Ant1_2437



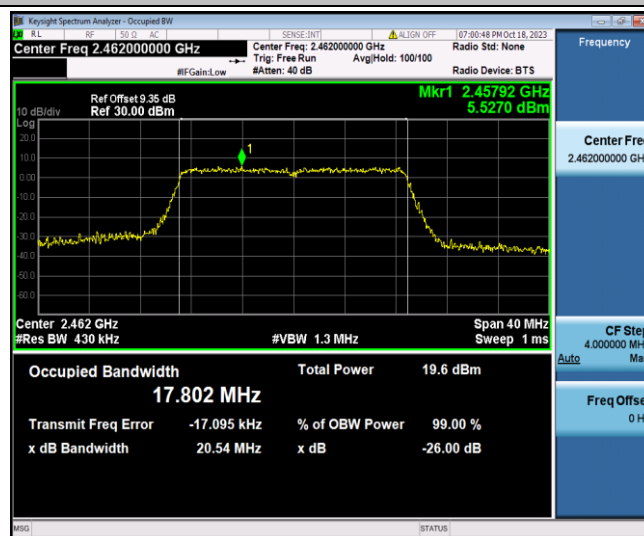
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix A.3: Maximum conducted output power

Test Result Peak

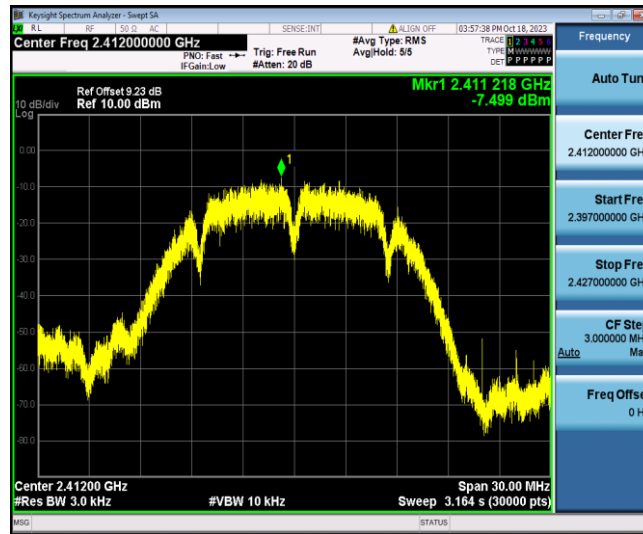
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	18.87	≤30.00
		2437	18.71	≤30.00
		2462	18.40	≤30.00
11G	Ant1	2412	19.47	≤30.00
		2437	19.11	≤30.00
		2462	19.29	≤30.00
11N20SISO	Ant1	2412	20.92	≤30.00
		2437	20.89	≤30.00
		2462	20.76	≤30.00

Appendix A.4: Maximum power spectral density

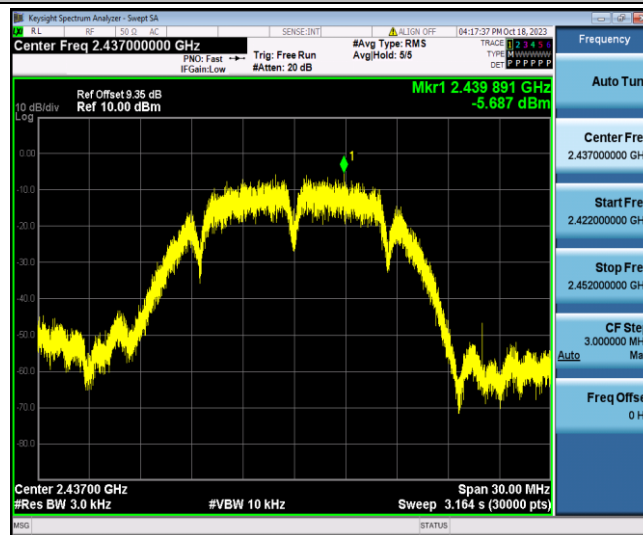
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.5	≤8.00	PASS
		2437	-5.69	≤8.00	PASS
		2462	-5.62	≤8.00	PASS
11G	Ant1	2412	-10.75	≤8.00	PASS
		2437	-11.95	≤8.00	PASS
		2462	-9.28	≤8.00	PASS
11N20SISO	Ant1	2412	-13.84	≤8.00	PASS
		2437	-12.38	≤8.00	PASS
		2462	-12.5	≤8.00	PASS

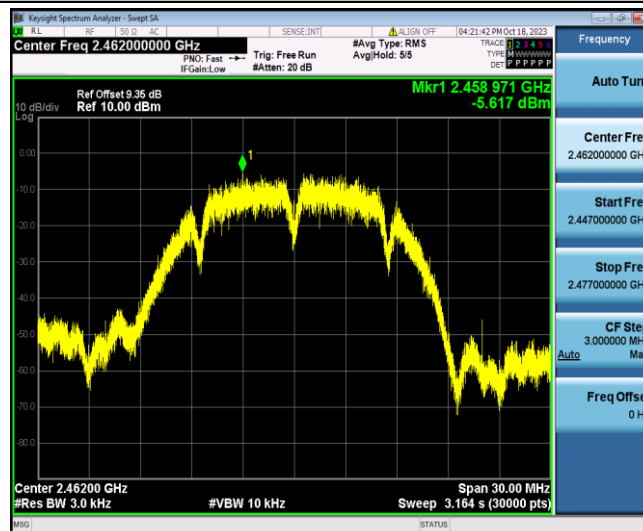
Test Graphs



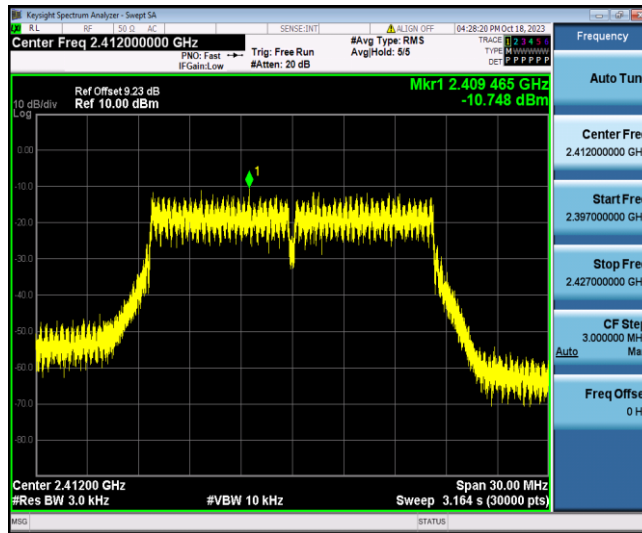
11B_Ant1_2412



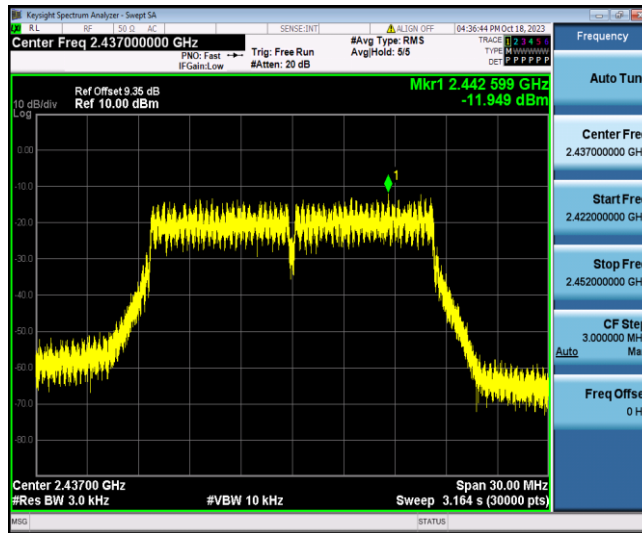
11B_Ant1_2437



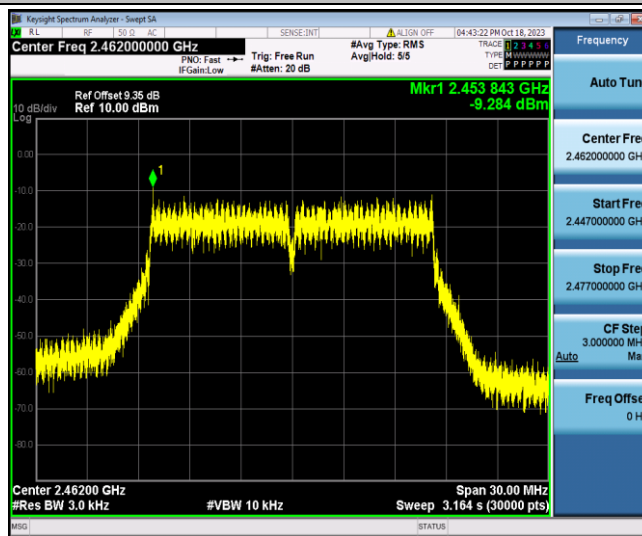
11B_Ant1_2462



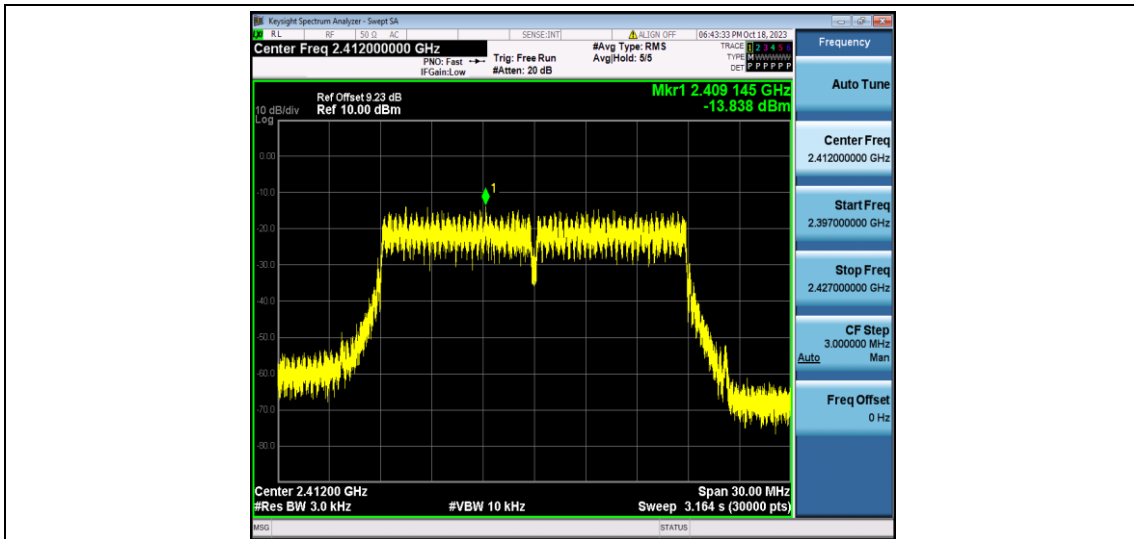
11G_Ant1_2412



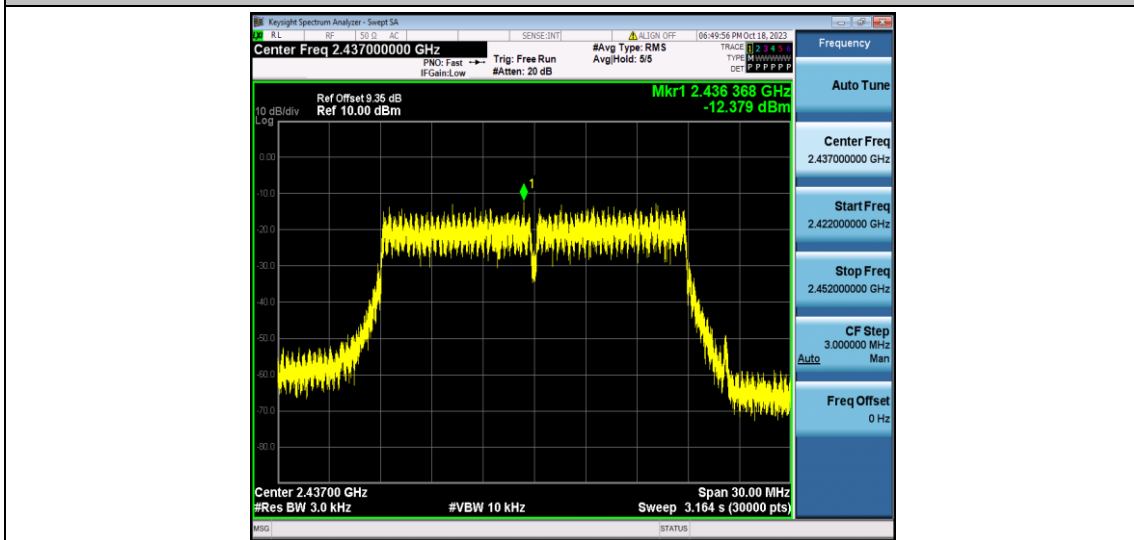
11G_Ant1_2437



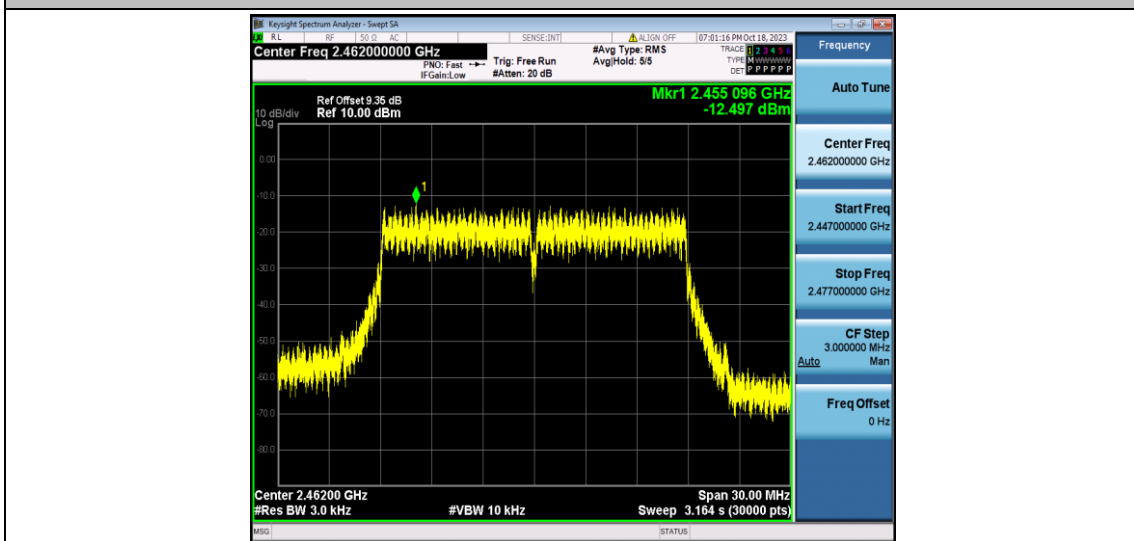
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



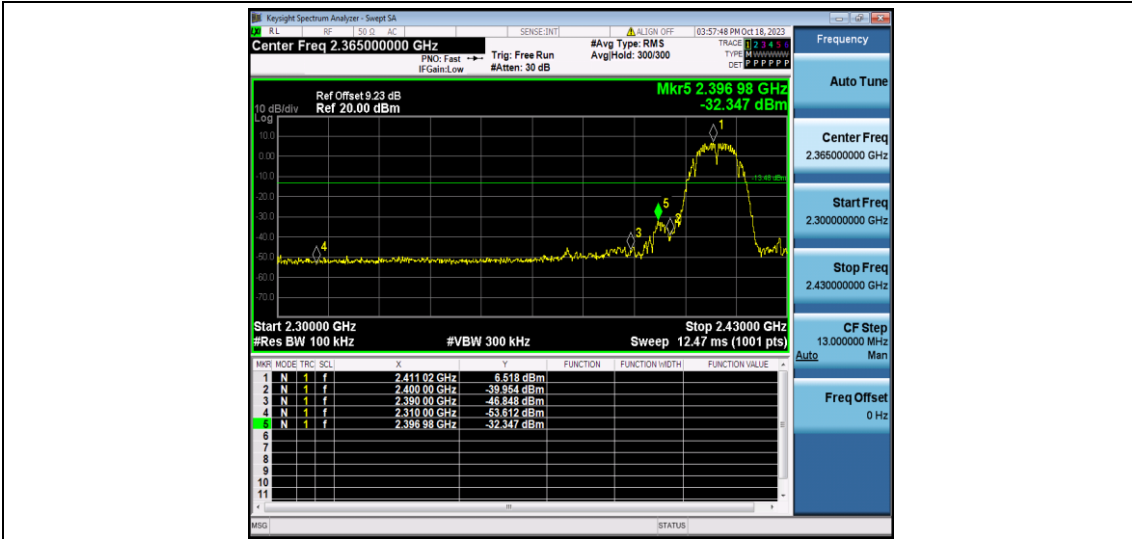
11N20SISO_Ant1_2462

Appendix A.5: Band edge measurements

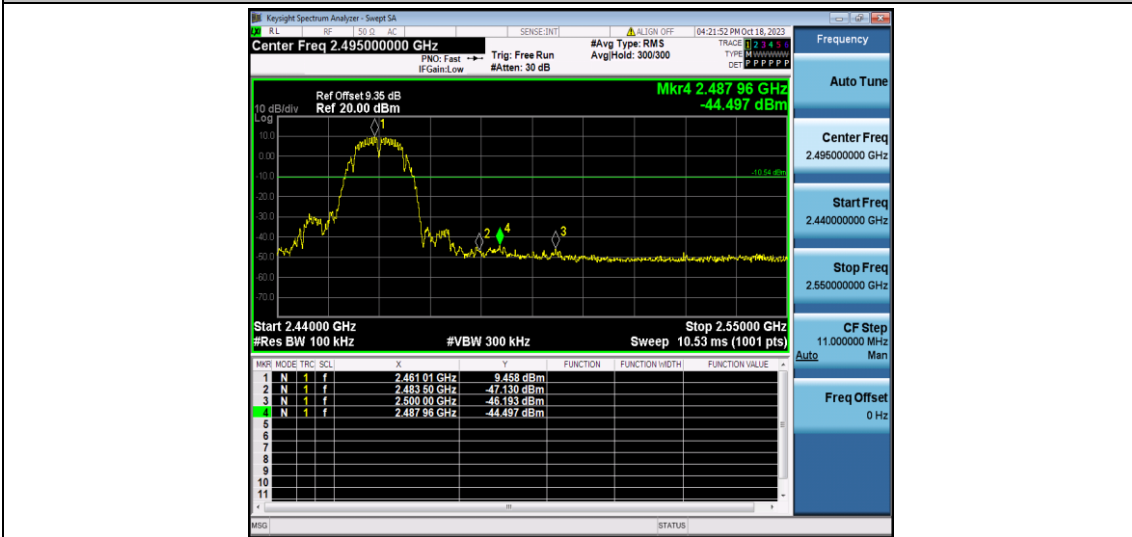
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.52	-32.35	≤-13.48	PASS
		High	2462	9.46	-44.5	≤-10.54	PASS
11G	Ant1	Low	2412	2.45	-30.59	≤-17.55	PASS
		High	2462	2.42	-44.28	≤-17.58	PASS
11N20SISO	Ant1	Low	2412	-0.12	-36.84	≤-20.12	PASS
		High	2462	1.85	-45.23	≤-18.15	PASS

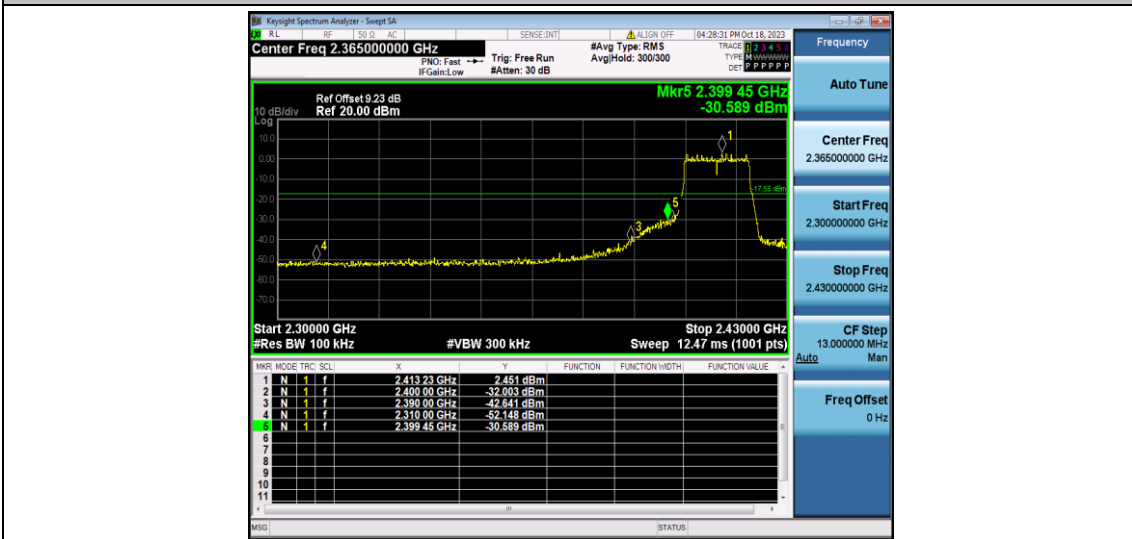
Test Graphs



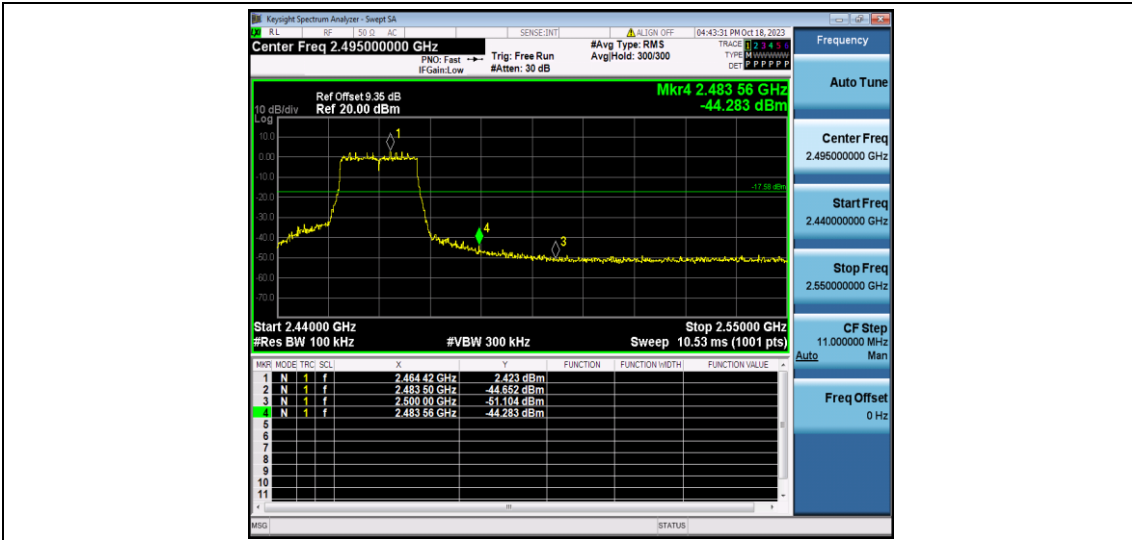
11B_Ant1_Low_2412



11B_Ant1_High_2462



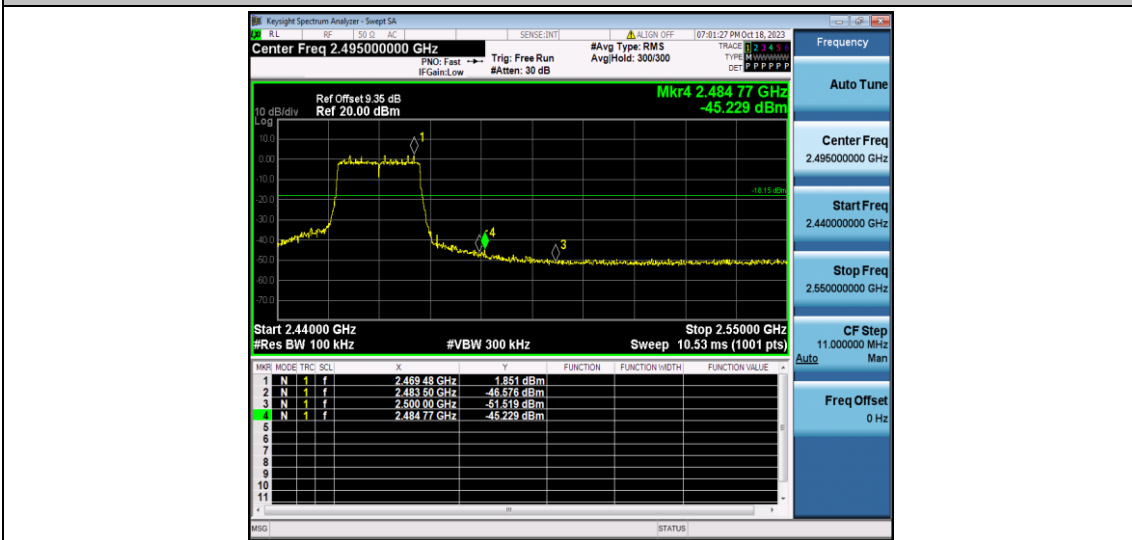
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462